

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 00/02478

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C12N15/12 C07K14/705 A61K38/17 C12Q1/68 G01N33/68  
 C07K16/30 C12N15/11 //A61P35/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C12N C07K A61K C12Q G01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

BIOSIS, STRAND, MEDLINE

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 99 06548 A (LACROIX BRUNO ;DUCLERT AYMERIC (FR); GENSET (FR); DUMAS MILNE EDWA) 11 February 1999 (1999-02-11) see SEQ ID 51 claims	5-18,22, 27,29,33
X	--- "ak13d08.s1 Soares_parathyroid_tumor_NbHPA Homo sapiens cDNA clone IMAGE:1405839 3', mRNA sequence" EMBL DATABASE ACCESSION NUMBER AA890726, 6 April 1998 (1998-04-06), XP002141255 the whole document --- -/--	5,8,13, 32

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\*Z\* document member of the same patent family

Date of the actual completion of the international search

4 July 2000

Date of mailing of the international search report

13.07.00

Name and mailing address of the ISA

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## INTERNATIONAL SEARCH REPORT

International Application No

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	"qo16g05.x1 NCI CGAP Lu5 Homo sapiens cDNA clone IMAGE:1908728 3', mRNA sequence" EMBL DATABASE ACCESSION NUMBER AI301140, 4 December 1998 (1998-12-04), XP002141256 the whole document ---	5,8,13, 32
A	WO 95 17209 A (SMITHKLINE BEECHAM BIOLOG ;MOMIN PATRICIA MARIE (BE); GARCON NATHA) 29 June 1995 (1995-06-29) the whole document ---	17-21
X,P	WO 99 54461 A (SCHMITT ARMIN ;SPECHT THOMAS (DE); DAHL EDGAR (DE); HINZMANN BERND) 28 October 1999 (1999-10-28) see SEQ IDs 11 and 173 claims ---	5-18,22, 27,29, 32,33
P,X	"we72g04.x1 Soares Dieckgraefe colon NHCD Homo sapiens cDNA clone IMAGE:2346678 3', mRNA sequence" EMBL DATABASE ACCESSION NUMBER AI672868, 19 May 1999 (1999-05-19), XP002141254 the whole document ---	5,8,13
P,X	OHARA, O. ET AL.: "Homo sapiens mRNA for KIAA1324 protein, partial cds" EMBL DATABASE ACCESSION NUMBER AB037745, 14 March 2000 (2000-03-14), XP002141282 the whole document -& NAGASE, T. ET AL.: "Prediction of the coding sequences of unidentified human genes.XVI. The complete sequences of 150 new cDNA clones from brain which code for large proteins in vitro" DNA RES., vol. 7, February 2000 (2000-02), pages 65-73, XP000923011 -----	5,8,13, 32

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/EP 00/02478

## Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:
  
2. ☒ Claims Nos.: 26  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:  
The (ant)agonist of claims 26 and 27(a) are not characterised enough as to allow a meaningful search.
  
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
  
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
  
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
  
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box I.2

Claims Nos.: 26

The (ant)agonist of claims 26 and 27(a) are not characterised enough as to allow a meaningful search.

The applicant's attention is drawn to the fact that claims, or parts of claims, relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure.

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/JP 00/02478

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 9906548 A	11-02-1999	AU 8554798 A EP 1000146 A	22-02-1999 17-05-2000
WO 9517209 A	29-06-1995	AT 177322 T AU 1316495 A AU 687494 B AU 1316695 A AU 705521 B AU 6803198 A AU 705519 B AU 6803298 A CA 2179779 A CN 1138298 A DE 69417063 D DE 69417063 T WO 9517210 A EP 0735898 A EP 0868918 A ES 2129801 T GR 3029750 T JP 9506887 T NZ 277802 A SG 49257 A SI 735898 T ZA 9410176 A	15-03-1999 10-07-1995 26-02-1998 10-07-1995 27-05-1999 09-07-1998 27-05-1999 09-07-1998 29-06-1995 18-12-1996 15-04-1999 28-10-1999 29-06-1995 09-10-1996 07-10-1998 16-06-1999 30-06-1999 08-07-1997 27-04-1998 18-05-1998 30-06-1999 17-11-1995
WO 9954461 A	28-10-1999	DE 19817948 A	21-10-1999